

PATENT  
0020-5146P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Yoshinori SHIMIZU et al. Conf.:  
Appl. No.: NEW(Div. of Appl. No. Group:  
09/458,024)  
Filed: July 1, 2003 Examiner:  
For: LIGHT EMITTING DEVICE WITH BLUE LIGHT  
LED AND PHOSPHOR COMPONENTS

INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION WITH CONTINUATION-IN-PART OR  
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 1, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

<u>U.S. Appl. No(s).</u>	<u>U.S. Filing Date(s)</u>
09/458,024	December 10, 1999
09/300,315	April 28, 1999
08/902,725	July 29, 1997

III. FEES

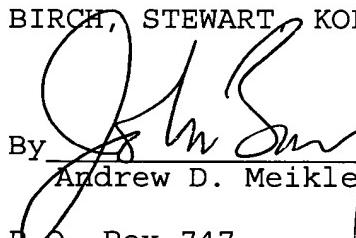
This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  #32,881  
Andrew D. Meikle, #32,868

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

ADM/<sup>gm</sup>EHC/mua  
0020-5146P

Attachment(s):  PTO-1449(s)

- References
- Foreign Search Report
- Other:

(Rev. 04/29/03)

Form PTO-1449		ATTY DOCKET NO. 0020-5146	APPLICATION NO. New-Rule 53(b) Div. of 09/458,024
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <small>(Use several sheets if necessary)</small>		APPLICANT Yoshinori SHIMIZU et al.	
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**U.S. PATENT DOCUMENTS**

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	US 4,314,910		1982-02-09	Barnes			
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	US 5,369,289		1994-11-29	Tamaki et al.			

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JP	7-32638	U	1995-06-16	JAPAN			X	
JP	01-257993	A	1989-10-16	JAPAN			ABS	
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"White LED lamp: Efficient light-emitting; Manufacture cost half", Nikkei Sangyo Shimbun, September 13, 1996, Published by Nihon Keizai Shimbunsha.
Shuji NAKAMURA, "InGaN/AlGaN blue-light-emitting diodes", J. Vac. Sci. Technol. A 13(3), May/Jun 1995, pp.705-710.
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JP	07-235207	A	1995-09-05	JAPAN			X	
JP	53-7153		1978-01-21	JAPAN				X
JP	7-42152	U	1995-07-21	JAPAN			X	
JP	55-4898	A	1980-01-14	JAPAN				X
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JP	07-120754	A	1995-05-12	JAPAN			X	
JP	06-177423	A	1994-06-24	JAPAN			X	
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JP	05-63068	U	1993-08-20	JAPAN			X	
EP	0 209 942	A1	1987-01-28	EPO				
EP	0 541 373	A2	1992-11-05	EPO				
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Shigeo SHIONOYA et al. (editors), "Phosphor Handbook", pp. 505-508, CRC Press.

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JP	62189770		1986-02-15	JAPAN			ABS	
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	"GaNpn Contact Blue/Ultraviolet light Emitting Diode", H. Amano et al., Applied Physics, Vol. 20, No. 2, pp. 163-166 (1991)
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JP	863119		1996-03-08	JAPAN			ABS	
JP	10036835	A	1998-02-10	JAPAN			ABS	
JP	49106283		1972-12-27	JAPAN			ABS	
JP	5245181		1977-10-14	JAPAN			ABS	
GB	1589964		1981-05-20	GREAT BRITAIN				
JP	5441660		1979-12-05	JAPAN			X	
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W.W. Holloway, Jr. et al., "Optical Properties of Cerium-Activated Garnet Crystals", 1969 Journal of the Optical Society of America, Vol. 59, No. 1, pp. 60-63
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JP	463162		1992-05-29	JAPAN			ABS	
JP	463163		1992-05-29	JAPAN			X	
JP	563068		1993-08-20	JAPAN			ABS	
JP	8170077		1996-07-02	JAPAN			ABS	
JP	5331584		1978-03-24	JAPAN				
JP	60144381		1985-07-30	JAPAN			ABS	
JP	62167387		1987-07-23	JAPAN			ABS	

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JP	6208845		1994-07-26	JAPAN			ABS	
JP	06177423		1994-06-24	JAPAN			ABS	
JP	06260680		1994-09-16	JAPAN			ABS	
JP	06268257		1994-09-22	JAPAN			ABS	

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